

FIG. 1A

10	30	50
TTCGGGCACGAGGGCAGGATGGGCCACCACAGCTAGAGTACATCTAGGTGCCTG		
M A P P P A R V H L G A F L		
70	90	110
GCAGTGACTCCGAATCCCAGGAGCGCAGCGAGTGGACAGAGGCAGCCGGCACACCC		
A V T P N P G S A A S G T E A A A A T P		
130	150	170
AGCAAAGTGTGGGGCTTCCGGGGAGGATTGAACCACAGAGGCGGGGGCCGAGGAGCG		
S K V W G S S A G R I E P R G G G R G A		
190	210	230
CTCCCTACCTCCATGGACAGCACGGACCCAGTGCCCCGGGCCCCGGCAGGGCGCGCCCCA		
L P T S M G Q H G P S A R A R A G R A P		
250	270	290
GGACCCAGGCCGGCGCGGGAAAGCCAGCCCTGGCTCCGGTCCACAAGACCTCAAGTTT		
G P R P A R E A S P R L R V H K T F K F		
310	330	350
GTCGTCGTCGGGGCCTGCTGCAGGTCGTACCTAGCTCAGCTGCAACCATCAAACATTCA		
V V V G V L L Q V V P S S A A T I K L H		
370	390	410
GATCAATCAATTGGCACACAGCAATGGAACATAGCCCTTGGAGAGTTGTGTCCACCA		
D Q S I G T Q Q W E H S P L G E L C P P		
430	450	470
GGATCTCATAGATCAGAACGTCCTGGACCTGTAACCGGTGCACAGAGGGTGTGGGTTAC		
G S H R S E R P G A Q N R C T E G V G Y		
490	510	530
ACCAATGCTTCCAACAATTGTTGCTTGCCTCCATGTACAGCTGTAAATCAGATGAA		
T N A S N N L F A C L P C T A C K S D E		
550	570	590
GAAGAGAGAAGTCCCTGCACCACGACAGGAACACAGCATGTCAGTGCAAACCAAGGAAC		
E E R S P C T T T R N T A C Q C K P G T		
610	630	650
TTCCGGAATGACAATTGCTGAGATGTGCCGGAAAGTGCAGCACAGGGTGCAGGGG		
F R N D N S A E M C R K C S T G C P R G		
670	690	710
ATGGTCAAGGTCAGGATTGACGCCCTGGAGTGACATCGAGTGTGTCCACAAAGAATCA		
M V K V K D C T P W S D I E C V H K E S		
730	750	770
GGCAATGGACATAATAATGGGTGATTTGGTTGTGACTTTGGTTGTCCGTTGCTGTTG		
G N C H N I W V I L V T L V V P L L L		
790	810	830
GTGGCTGTGCTGATTGCTGTGCTGCTGCTACGGCTCAGGTTGTGGAGGGACCCAAGTGC		
V A V L I V C C C I G S G C G G D P K C		
850	870	890
ATGGACAGGGTGTGTTCTGGCGCTGGGTCTCCTACGAGGGCCTGGGCTGAGGACAAT		
M D R V C F W R L G L L R G P G A E D N		
910	930	950
GCTCACAAACGAGATTCTGAGCAACGAGACTCGCTGTCCACTTCGCTCTGAGCAGCAA		
A H N E I L S N A D S L S T F V S E Q Q		
970	990	1010
ATGGAAAGCCAGGAGCCGGCAGATTGACAGGTGTCACTGTACAGTCCCCAGGGGAGGCA		
M E S Q E P A D I T G V T V Q S P G E A		

FIG. 1B

1030 CAGTGTCTGCTGGGACCGGCAGAAGCTGAAGGGTCTCAGAGGAGGAGGCTGCTGGTTCCA Q C L L G P A E A E G S Q R R R L L V P 1090	1050 1110 GCAAATGGTGCTGACCCCCTGAGACTCTGATGCTGTTCTTGACAAGTTGCAAACATC A N G A D P T E T L M L F F D K F A N I 1150 1170 1190 GTGCCCTTGACTCCTGGGACCCAGCTCATGAGGCAGCTGGACCTCACGAAAAATGAGATC V P F D S W D Q L M R Q L D L T K N E I 1210 1230 1250 GATGTGGTCAGAGCTGGTACAGCAGGCCAGGGATGCCCTGTATGCAATGCTGATGAAA D V V R A G T A G P G D A L Y A M L M K 1270 1290 1310 TGGGTCAACAAAATGGACGGAACGCCCGATCCACACCCCTGCTGGATGCCCTGGAGAGG W V N K T G R N A S I H T L L D A L E R 1330 1350 1370 ATGGAAGAGAGACATGCAAAAGAGAAGATTAGGACCTCTGGTGGACTCTGGAAAGTTG M E E R H A K E K I Q D L L V D S G K F 1390 1410 1430 ATCTACTTAGAAGATGGCACAGGCTCTGCCGTGCTGGAGTGAAAGACTCTTTTACC I Y L E D G T F S A V S L E 1450 1470 1490 AGAGGTTTCCCTTTAGGTGTTAGGAGTTAACATATTAGTTTTTTTTTTAAACAT 1510 1530 1550 GTATAACAAAGTAAATTCTTAGCCACGTGTATTGGCTCCTGCCCTGTAATCCCACACTTG 1570 1590 1610 GGAGGCTGACGCCGGTGGATCCACTTGAGGTCCGAAGTTCCAAGACCAGGCCCTGAACCAA 1630 1650 1670 CATCGTGGAAATGCCGTCTTACAAAAAAATACCAAAATTCAACTGGAATGTGCATG 1690 1710 1730 GTGTGTGCCATCATTTCTCGGCTAACTACGGGAGGTCTGAGGCCAGGAGAACCTTAC 1750 1770 1790 AACCCCCACGAAGGACAGTGTAGACTGCAGATTGCACCACTGCACTCCAGCCTGGAAACA 1810 1830 1850 CAGAGCAAGACTCTGTCAGATAAAATAAAACTTGAAAGAAATTATGCCCGACT 1870 1890 1910 GAGGCTCACATGCCAAAGGAAATCTGGTTCTCCCTGAGCTGGCCTCCGTGTTCCCT 1930 1950 1970 TATCATGGTGGTCAATTGGAGGTGTTAATTGAAATGGATTAGGAACACCTAGAACACTG 1990 2010 2030 GTAAGGCATTATTCTGGGACATTATTCTGGGATGTCTCGAGGGTGTTCAGAGGG 2050 2070 2090 GATTGGCATGCGATGGGTGGACTGAGTGGAAAAGACCTACCCCTAATTGGGGGGCAC 2110 2130 2150 CGTCCGACAGACTGGGAGCAAGATAGAAGAAAACAAAAAAAAAAAAAA
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FIG. 2A

1	M - - - - - L G - - - - -	I W T	- h Fas protein
1	M G L S T V P D L L L P L V L L E L L L V G I Y P S G V I G L V P H	- - - - -	- h TNFR I Protein
1	M E Q R P R G C A A V A A A L L L V L L G A R A Q G	- - - - -	- DR3 protein
1	M A P P P A R V H L G A F L A V T P N P G S A A S G T E A A A A T P S K V W G S	- - - - -	- DR4 protein
7	- - - - - L L P L V L T - - - S V - - - A R L - S S K R S V N	- - - - -	- h Fas protein
34	- L G D R E K R D S V C P Q G K Y I H P Q N N S I C C T K C H K G T Y L Y N D C	- - - - -	- h TNFR I Protein
27	- - G T R S P R - C D C A - G D F - H K K I G L F C C R G C P A G H Y L K A P C	- - - - -	- DR3 protein
41	S A G R I E P R G G G R G A L P T S M G O H G P S - - - A R A R A G R A P G	- - - - -	- DR4 protein
25	A Q V T D I N S K G L E L R K T V T T V E T O N L E G - - - - - L H H	- - - - -	- h Fas protein
73	P G P G Q D T D C R E C E S G S F T A S E N H L R - H C L S C S K C R K E M G Q	- - - - -	- h TNFR I Protein
62	T E P C G N S T C L V C P Q D T F L A W E N H H N S E C A R C Q A C D E Q A S O	- - - - -	- DR3 protein
76	P R P A R E A S P R L R V H K T F K F V V V G V L L Q V V P S S A A T I K L H D	- - - - -	- DR4 protein
55	D G - - - O F C H K P - - - C P P G E R K A R D C T V N G D E P D C V P C Q	- - - - -	- h Fas protein
112	V E I S S - - - - - C T V D R D T V C G C - - - E K N Q Y R H Y W	- - - - -	- h TNFR I Protein
102	V A L E N - - - - - C S A V A D T R C G C - - - K P G W F V E C -	- - - - -	- DR3 protein
116	Q S I G T Q O W E H S P L G E L C P P G S H R S - - - E R P G A C N R C T	- - - - -	- DR4 protein
87	E G K E Y T D K A H F S S K C R R C R L C D E G H G L E V E I N C T R T Q N T K	- - - - -	- h Fas protein
137	S E N L F Q C - - - - - F N C S L C L N - G T V H - - - - - L S C Q E K O N T V	- - - - -	- h TNFR I Protein
126	- - Q V S Q C V S S S P F Y C Q P C L D C G A L H R - H T R L L C S R R D T D C	- - - - -	- DR3 protein
150	E G V G Y T N A S N N L F A C L P C T A C K S D E - - E E R S P C T T T R N T A	- - - - -	- DR4 protein
127	C R C K P N F F C N S T V C E H C D P C T K - C E H G I I K - - E C T L T S N T	- - - - -	- h Fas protein
166	G T C C H A G F P L R E - - - - - N E C V C S N - C K K S L E C T K L C L P Q I E N	- - - - -	- h TNFR I Protein
163	G T C L P G F Y E H G - - - D G C V S C P T - S T L G - S C P E R C A A V C G W	- - - - -	- DR3 protein
188	C Q C K P G T F R N D N S A E M C R K C S T G C P R G M V K V K D C T P W S D I	- - - - -	- DR4 protein
164	K C - K E E G S R S N L G W L C L - - - - - L L L P I P L T I V - - - - -	- - - - -	- h Fas protein
202	V K G T E D S G T T V L L P L V I F F G L C L L S L L F I G L M - - - - -	- - - - -	- h TNFR I Protein
198	R O - - - - - M F W V Q V L L A G L V V P L L L G A T L T - - - - -	- - - - -	- DR3 protein
228	E C V H K E S G N G H N I W V I L V V T L V V P L L L V A V L I V C C C I G S G	- - - - -	- DR4 protein
189	- - - - - W -	- - - - -	- h Fas protein
234	- - - - - Y R Y Q R - - - W K S K L Y S I V C G K S T P E K E G E L E G T T T K	- - - - -	- h TNFR I Protein
222	- - - - - Y T Y R H C - - - W P H K P L - V T A D E A G M E A L T P P P A T H L S	- - - - -	- DR3 protein
268	C G G D P K C M D R V C F W R L G L L R G P G A E D N A H N E I L S N A D S L S	- - - - -	- DR4 protein
190	- - - - - V K R K E V Q K T -	- - - - -	- h Fas protein
266	P L A P N P S F S P T P G F T P T L G F S P V P S S T F T T S S S T Y T P G D - C	- - - - -	- h TNFR I Protein
254	P L D S A H T L L A P P D S S E K I C T V Q L V G N S W T P G Y P E T Q E A L C	- - - - -	- DR3 protein
308	T F V S E Q Q M E S Q E P A D L T G V T V O S P G - - - - - E A Q C	- - - - -	- DR4 protein
200	- - - - - R K H R K E N Q G S H E S P T L N P E T V A I N L S - - - - -	- - - - -	- h Fas protein
305	P N F A A P R R E V A P P Y Q G A D P I L A T A L A S D P I P N P L Q K W E D S	- - - - -	- h TNFR I Protein
294	P Q V T W S W D Q L - - - P S R A L G P A A A P T L S P - - - - - E S P	- - - - -	- DR3 protein
337	- - - - - I L G P A A R A E G S Q R R R L I V P A N G A D P T E - - - - -	- - - - -	- DR4 protein
226	- - - - - D V D L S K Y I T T I A G V M T L S Q V K G F V R K N G V N E A	- - - - -	- h Fas protein
345	A H K P Q S L D T D D P A T L Y A V V E N V P P L - R W K E F V R R L G L S D H	- - - - -	- h TNFR I Protein
322	A G S P A M M L Q P G P Q - - - L Y D V M D A W P A R - R W K E F V R T L G L R E A	- - - - -	- DR3 protein
363	- - - - - T L M L I - - F F D K F A N I V P F D S W D Q L M P Q L D L T K N	- - - - -	- DR4 protein
258	K I D E I K N D N V Q D T A E Q K V Q L L R N W H Q L H G K K E A - Y D T L I K	- - - - -	- h Fas protein
384	E I D R L E L Q N G R C L R E A Q Y S M L A T W R R R T P R R E A T L E L L G R	- - - - -	- h TNFR I Protein
360	E I E A V E V E I G R - F R D Q O Y E M L K R W R O Q Q P - - A G L G A V Y A	- - - - -	- DR3 protein
393	E I D V V R A G T A - G P G D A L Y A M L M K W V N K T G R N A S - I H T L L D	- - - - -	- DR4 protein
297	D L K K A N L C T L A E K I O T I I L K D I T S D S E N S N F R N E I Q S L V	- - - - -	- h Fas protein
424	V L R D M D D L L G C L E D I E E A L - - - - - C G P A A L P P A P S L L R	- - - - -	- h TNFR I Protein
396	A L E R M G L D G C V E D L - - - - - R S R L Q R G P	- - - - -	- DR3 protein
431	A L E R M E E R H A K E K I O D L L V D S G K F I Y L E D G T G S A V S L E	- - - - -	- DR4 protein

FIG. 2B

1	M - - - - - L G - - - - -	I W T - - - - -	h Fas protein
1	M G L S T V P D L L L P L V L L E L L L V G I Y P S C G V I G L V P H - - - - -	h TNFR I Protein	
1	M E Q R P H I C A A V A A A E L L V L L G A R A Q G - - - - -	DR3 protein	
1	M A P P P A H V H L G A F L A V T P N P G S A A S G T E A A A A T P S K V W G S	DR4 protein	
7	- - - - - L L P L V L T - - - S V - - - - - A R L - S S K S V N	h Fas protein	
34	- - - - - L G D R R K K R D S V C P Q G K Y I H P O N N S I C C T K C H K G T Y L Y N D C	h TNFR I Protein	
27	- - - - - G T P T I P R - C D C A - G D F - H K K I G L F C C R G C P A G H Y L K A E C	DR3 protein	
41	- - - - - S A G R I R H P R G G G R G A L P T S M G O H G P S - - - - - A R A R A G R A P G	DR4 protein	
25	A Q V T D I N H K G L E L R K T V I T T V E T O N L E G - - - - - L H H	h Fas protein	
73	P G P G Q H T D C R E C E S G S F T A S E N H L R - H C L S C S K C R K E M G Q	h TNFR I Protein	
62	T E P C G H H T G L V C P Q D T F L A W E N H H N S E C A R C Q A C D E Q A S O	DR3 protein	
76	P R P A R H A H P R L R V H K T F K F V V V G V L L Q V V P S S A A T I K L H D	DR4 protein	
55	D G - - - H F C H K P - - - C P P G E R K A R D C T V N G D E P D C V P C Q	h Fas protein	
112	V E I S S - - - - - C T V D R D T V C G C - - - R K N Q Y R H Y W	h TNFR I Protein	
102	V A L E N - - - - - C S A V A D T R C G C - - - K P G W F V E C	DR3 protein	
116	Q S I G T U H W E H S P L G E L C P P G S H R S - - - - - E R P G A C N R C T	DR4 protein	
87	E G K E Y W I K A H F S S K C R R C R L C D E G H G L E V E I N C T R T Q N T K	h Fas protein	
137	S E N L F U I - - - - - F N C S L C L N - G T V H - - - - - L S C Q E K O N T V	h TNFR I Protein	
126	- - Q V S U I V V S S P F Y C Q P C L D C G A L H R - H T R L L C S R R D T D C	DR3 protein	
150	E G V G Y W I N A S N N L F A C L P C T A C K S D E - - E E R S P C T T T R N T A	DR4 protein	
127	C R C K P N F F C N S T V C E H C D P C T K - C E H G I I K - - E C T L T S N T	h Fas protein	
166	C T C C H A Q P F L R E - - - N E C V S C S N - C K K S L E C T K I L C L P Q I E N	h TNFR I Protein	
163	G T C L P H I E Y E H G - - - D G C V S C P T - S T L G - S C P E R C A A V C G W	DR3 protein	
188	C Q C K P H T F R N D N S A E M C R K C S T G C P R G M V R V K D C T P W S D I	DR4 protein	
164	K C - K E E D S R S N L G W L C L - - - - - L L P I P I P L I V - - - - -	h Fas protein	
202	V K G T E D H G T T V L L P L V I F F G L C L L S L L F I G L M - - - - -	h TNFR I Protein	
198	R O - - - - - M F W V Q V L L A G L V V P L L L G A T L T - - - - -	DR3 protein	
228	E C V H K R E G N G H N I W V I L V V T L V V P L L L V A V L I V C C C I G S G	DR4 protein	
189	- - - - - W - - - - -	h Fas protein	
234	- - - - - V R Y Q R - - - W K S K L Y S I V C G K S T P E K E G E L E G T T T K	h TNFR I Protein	
222	- - - - - V T P Y R H C - W P H K P L - V T A D E A G M E A L T P P P A T H L S	DR3 protein	
268	C G G D P K C M D R V C F C W R L G L L R G P G A E D N A H N E I L S N A D S L S	DR4 protein	
190	- - - V K R R K E V Q K T - - - - -	h Fas protein	
266	P L A P N P G F S P T P G F T P T L G F S P V P S S T F T S S S T Y T P G D - C	h TNFR I Protein	
254	P L D S A H T L L A P P D S S E K I C T V Q L V G N S W T P G Y P E T Q E A L C	DR3 protein	
308	T F V S E Q U M E S Q E P A D L T G V T V O S P G - - - - - E A Q C	DR4 protein	
200	- - - - - R K H R K E N Q G S H E S P T L N P E T V A I N L S - - - - -	h Fas protein	
305	P N F A A P H R E V A P P Y Q G A D P I L A T A L A S D P I P N P L Q K W E D S	h TNFR I Protein	
294	P Q V T W I W D Q L - - - P S R A L G P A A A P T L S P - - - - - E S P	DR3 protein	
337	- - - - - L L G P A E A E G S Q R R R L L V P A N G A D P T E - - - - -	DR4 protein	
226	- - - - - D V D L I S K Y I T T I A G V M T L S Q V K G F V R K N G V N E A	h Fas protein	
345	A H K P Q H I D T D D P A T L Y A V V E N V P P L - R W K E F V R R L G L S D H	h TNFR I Protein	
322	A G S P A M M L Q P G P Q - L Y D V M D A V P A R - R W K E F V R T L G L R E A	DR3 protein	
363	- - - - - T L M L - - F F D K F A N I V P F D S W D Q L M R Q L D E T K N	DR4 protein	
258	K I D E I K N D N V Q D T A E Q K V Q L L R N W H Q L H G K K E A - Y D T L I K	h Fas protein	
384	E I D R L E I Q N G R C L R E A Q Y S M L A T W R R R T P R R E A T L E L L G R	h TNFR I Protein	
360	E I E A V V E V E I G R - F R D Q O Y E M L K R W R Q Q P - - - A G L G A V Y A	DR3 protein	
393	E T D V V H A G T A - G P G D A L Y A M L M K W V N K T G P N A S - I H T L L D	DR4 protein	
297	D L K K A N D C T L A E K I O T I I L K D I T S D S E N S N F R N E I Q S L V	h Fas protein	
424	V L R D M D L L G C L E D T E E A L - - - - - C G P A A L P P A P S L L R	h TNFR I Protein	
396	A L E R M D L D G C V E D L - - - - - R S R L Q R G P	DR3 protein	
431	A L E R M R E R H A K E K I O D L L V D S G K F I Y L E D G T G S A V S L E	DR4 protein	

Figure 3

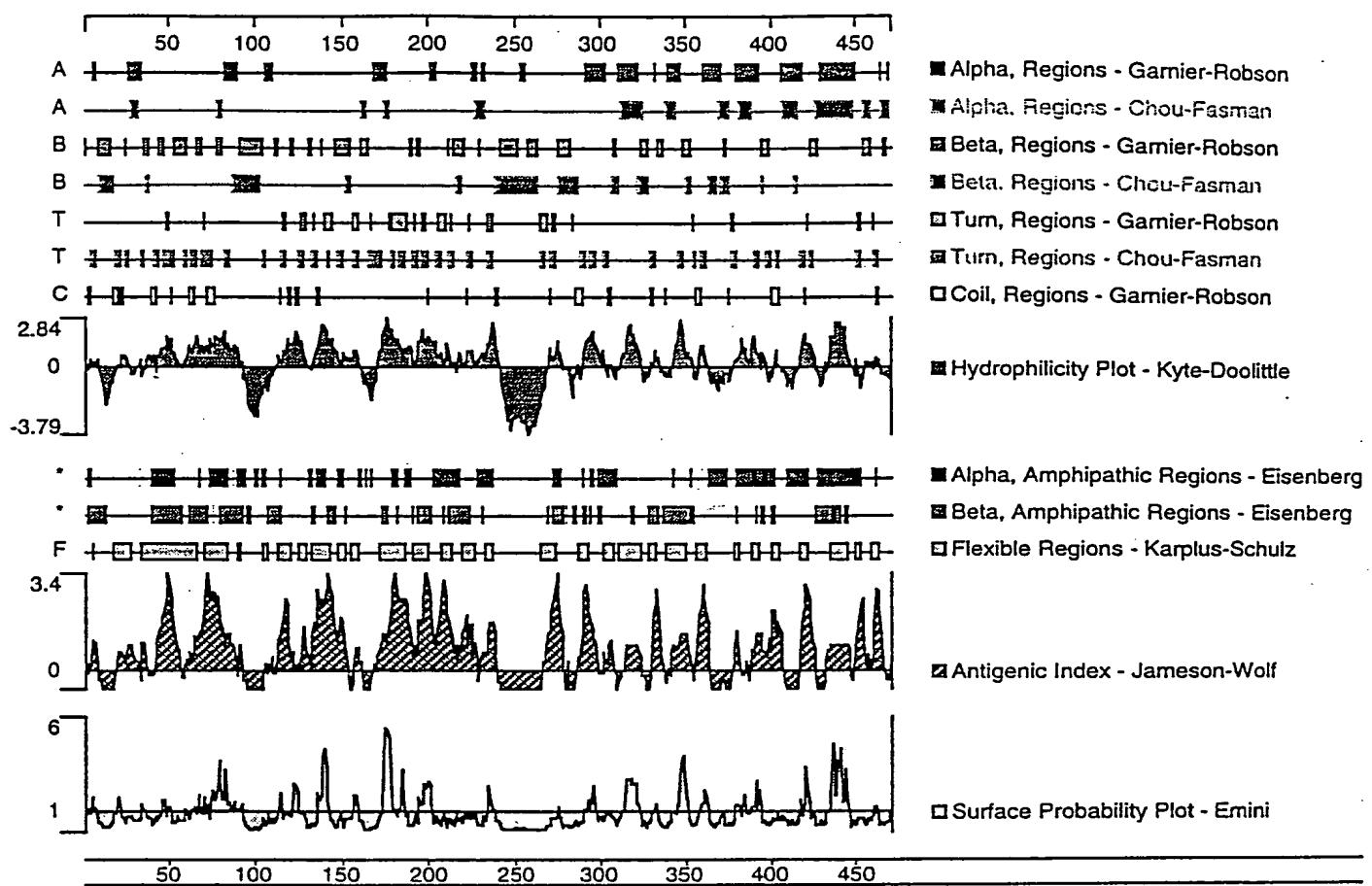


FIG. 4A

HTOIY07R

1 GGCANAGGTN CGTACCTAGC TCACCTGCAA CCATCAAAC TNAATGATCAA  
51 TCAATTGGCA CACAGCAATG GGAAACATAG CCCTTTGGAA GANTTGTNTC  
101 CACCAGGATC TCATAGATCA AAACATCCTG GGAGCCCTGTT AACCGGTGCC  
151 CCAAAGGNTG GTCAAGGTCA AGGAATTGTT NCGCCCTGGA AGTGAACATC  
201 GAGTGTNTCC ACAAAAGGATT CAGGCAATGG GACATAAAATA TATGGGTGAA  
251 TTTTGGTTGT GAACTTGGT TGNTCCCGTT GNTGTTGNTG GCTGTGCTGA  
301 TTGTTTGTG TTGCATCGGC TTCAGGTTNT GGAGGGGGAC CCAAGTGCAT  
351 GGACAGGGTG TGTTTCTGGG GTTGGGTCT CTTAGAGGGC NTGGGTTANG  
401 GCANGTTCAC AAGGGTTTTA GCAANG

FIG. 4B

HTXKEY80R

1 TGGGGCTGAG GACAATGCTG ACNACGAGAT TCTGAGCAAC GCAGNACTNG  
51 CTGTCCACTT TCGTCTNTGN GCAGCAAATG GAAAGCCAGG AGCCGGCAGA  
101 TTTGACAGGT GTCACTGTAC AGTCCCCAGG GGAGGCACAG TGTCTGCTGG  
151 TGAGTTGGGG ACAGGCCCTT GCAAGACCTT GTGAGGCAGG GGGTGAAGGC  
201 CATGNCTCGG CTTCNNNTGG TCAAAGGGGA AGTGGAGCCT GAGGGAGATG  
251 GGACTTNAGG GGGACGGNGC TGCGTGGGG AAAAGCAGCC ACCNTTTGAC  
301 AAGGGGGACA GGCATTTTN CAAATGTGTG CTTNTTGGT

Figure 5A

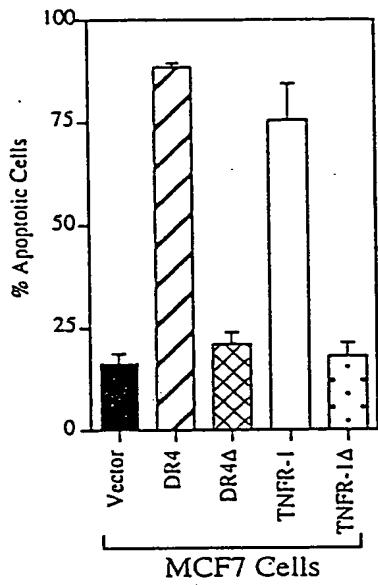


Figure 5B

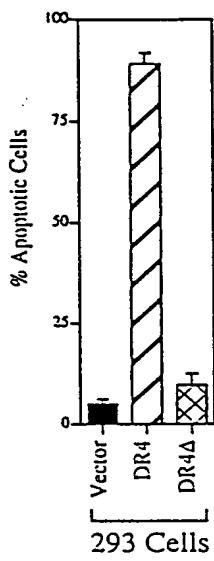


Figure 5C

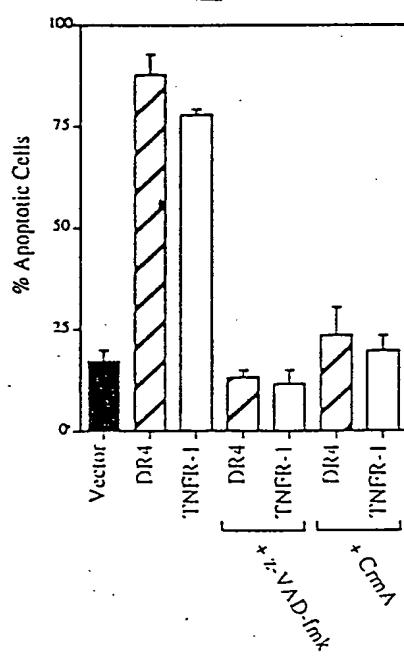


Figure 6A

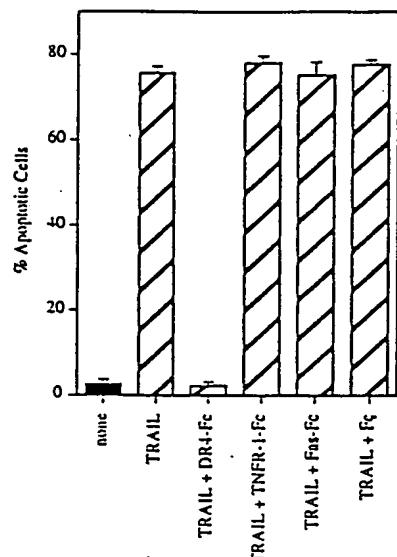


Figure 6B

